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Department of Medical Genetics
School of Medicine

April 11, 1957

Dear Bill: *Hay*

Here's a copy of the pedigree I promised you. I hope it's intelligible. Several numbers mean that the clone from that cell was still mixed. Points in the pedigree at which segregation was inferably completed are encircled.

This is far from a typical result; usually, at the four-cell stage, 3 give pure o clones, and the fourth will be mixed for o and one, sometimes two, recombinants.

Except that there has to be two cycles of interchange to give results like these, I don't know what else can rigorously be inferred from this pattern. Since there have to be two cycles anyhow, the purity for Mtl Gal and Ara would not prove that the initial heterozygote was already hemizygous for these markers.

Esther and I were really overwhelmed by the hospitality and warmth which you and our other friends showed us in London. This appreciation would have been enough reason by itself for us to have enjoyed our travels immensely.

The best of luck to you,

Sincerely,

JL
Joshua Lederberg